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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DKT NO. 4673-013B	SERIAL NO. 10/001,696
OIPE SC154 APR 08 2002 PATENT & TRADEMARK OFFICE		APPLICANT Varga et al.	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 10/31/2001	GROUP 2121

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
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W		Skywire Provides Details of Wireless "VendView" System; Vending Times, September, 1994
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W		Left high and dry? Sold-out machine sends for Cokes; Nashville Banner, Wednesday, August 15, 1995
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W		Wireless Communications Forum; Volume III, Number 1, April 1995

EXAMINER	DATE CONSIDERED
Todd Vandenbergh	3/24/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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a control unit for controlling said address generator and data interface unit.

6. (Twice Amended) A recording and reproduction method for recording and reproducing at least one of audio and video signals comprising the steps of:

reading a key signal when the key signal is input;

processing data when the input key signal is a record signal and storing the result in a separable storage unit associated with a reproducing unit being detachable from a recording unit;

reproducing and outputting data stored in said separable storage unit when the input key signal is a reproduction signal; and

reading and displaying [a content table of] information associated with the data stored in the separable storage unit when the input key signal is a search signal;

wherein said processing step includes the steps of,

Analog/Digital converting input data; and

encoding said Analog/Digital converted data.

7. (Amended) A [signal] recording and reproduction method according to claim 6, wherein said encoding step comprises the step[s] of:

encoding at least one of audio data and video data.

8. (Amended) A [signal] recording and reproduction method according to claim 7, wherein said step of encoding comprises the steps of:

subband-sampling audio data;

quantizing and coding said subband-sampled data; and

packing said coded data.

10. (Twice Amended) A [signal] recording and reproduction method according to claim 6, wherein said data reproducing step comprises the steps of:

accessing said stored data in a separable storage unit;

decoding said accessed data;

Digital/Analog converting said decoded data; and

outputting said Digital/Analog converted data.

12. (Amended) A [signal] recording and reproduction method according to claim [11] 6, further comprising the steps of:

unpacking accessed compressed audio data stored in a separable storage unit;

reconstructing said unpacked data to form restructured data; and

inverse-subband-sampling said restructured data.

13. (Amended) A [signal] recording and reproduction method according to claim [11] 6, further comprising the steps of:

inverse-transforming and decoding accessed compressed video data stored in a separable storage unit into a time domain data; and

storing and restructuring the frame of said decoded data.

14. (Amended) A system for transferring at least one of audio data and video data to a portable reproducing unit, comprising:

a data storage unit of a recording unit being detachable from the portable reproducing unit, for storing compressed data, said compressed data [is] being at least one of audio and video data;

a control system selecting compressed data stored in said data storage unit, and controlling transfer of said selected compressed data to a separable memory device associated with said portable reproducing unit[, said separable memory device being a memory device other than a disk medium or a tape medium]; and

an interface unit transferring said selected compressed data from said data storage unit to said separable memory device.

24. (Amended) A system for transferring at least one of audio data and video data to a portable reproducing unit, comprising:

a data storage unit of a recording unit being detachable from the portable reproducing unit, for storing compressed data, said compressed data [is] being at least one of audio data and video data;

a selector generating data select signals indicating which of said compressed data in said data storage unit to select;

a system controller generating control signals according to said data select signals; and

a memory controller sending read addresses to said data storage unit based on said control signals so that said selected data is output from said data storage unit to a separable memory device associated with said portable reproducing unit.

25. (Twice Amended) A portable reproducing apparatus for reproducing at least one of audio data and video data, comprising:

a key input unit for receiving user input designating one of a plurality of operation modes;

a data display for displaying information relating to at least one of said operation modes;

an interface, integrated into said portable reproducing apparatus being detachable from a recording apparatus;

a separable storage unit for storing compressed data downloaded [from a data storage unit] through the interface, said separable storage unit being a

storage unit other than a disk medium or a tape medium, and said compressed data being at least one of audio data and video data;

a processing system accessing and decompressing, said compressed data stored in said separable storage unit based on said user input; and

an output unit outputting said decompressed data.

31. (Amended) A recording and reproducing apparatus for recording and reproducing at least one of audio data and video data, comprising:

a separable memory device associated with a reproducing unit[, said separable memory device being a memory device other than a disk medium or a tape medium];

a data storage unit of a recording unit being detachable from said reproducing unit, for storing compressed data;

a control system selecting compressed data stored in said storage unit, and controlling transfer of said selected compressed data to said separable memory device;

a key input unit for receiving user input designating one of a plurality of operation modes;

a data display for displaying information relating to at least one of said operation modes;

a processing system accessing and decompressing compressed data stored in said separable memory device based on said user input; and

an output unit outputting said decompressed data.

32. (Amended) A recording and reproducing apparatus for recording and reproducing at least one of audio data and video data, comprising:

a separable memory device associated with a reproducing unit;

a data storage unit of a recording unit being detachable from said reproducing unit, for storing compressed data;

a selector generating data select signals indicating which of said compressed data in said data storage unit to select;

a system controller generating control signals according to said data select signals;

a memory controller sending read addresses to said data storage unit based on said control signals so that said selected data is transferred form said data storage unit to said separable memory device;

an input unit for receiving user input designating one of a plurality of operation modes;

a key input unit for receiving user input designating one of a plurality of operation modes;

a data display for displaying information relating to at least one of said operation modes; and

a processing system accessing and decompressing compressed data stored in said separable memory device based on said user input.

33. (Amended) A method for transferring at least one of audio data and video data to a portable reproducing unit, comprising:

storing compressed data in a data storage unit of a recording unit being detachable from said portable reproducing unit, said compressed data is at least one of audio and video data;

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selecting compressed data stored in said data storage unit; and

transferring said selected compressed data to a separable memory device associated with said portable reproducing unit, said separable memory device being a memory device other than a disk medium or a tape medium.

39. (Amended) The method of claim [38] 36, further comprising:

controlling said data storage unit such that said data storage unit outputs [content] information associated with said compressed data stored in said data storage unit when said user input is a search request, said [content] information describing said compressed data [stored in said data storage unit]; and

displaying said [content] information.

40. (Amended) A method for transferring at least one of audio data and video data to a portable reproducing unit, comprising:

storing compressed data in a data storage unit of a recording unit being detachable from said portable reproducing unit, said compressed data is at least one of audio and video data;

selecting compressed data stored in said data storage unit;

controlling transfer of said selected compressed data to a separable memory device associated with said portable reproducing unit;

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generating data select signals indicating which of said compressed data in said data storage unit to select;

generating control signals according to said data select signals; and

sending read addressed to said data storage unit based on said control signals so that said selected data is output from said data storage unit.

41. (Twice Amended) A method for reproducing at least one of audio data and video data in a portable reproducing unit, comprising:

receiving user input designating one of a plurality of operation modes;

displaying information relating to at least one of said operation modes;

first accessing compressed data downloaded from a data storage unit and stored in a separable memory device, [storage unit, said separable storage unit being a storage unit other than a disk medium or a tape medium and] said compressed data being at least one of audio data and video data; and

decompressing said accessed compressed data in said portable reproducing unit,

wherein said portable reproducing unit is detachable from a recording unit associated with the data storage unit.

44. (Twice Amended) The method of claim 41, wherein

said second accessing step accesses [content] information associated with said compressed data stored in said separable memory device [from said separable memory device] when said user input is a search request, said [content] information describing said compressed data [stored in said separable memory device]; and

said displaying step displays said accessed [content] information.

46. (Amended) A method for recording and reproducing at least one of audio and video data, comprising:

storing compressed data in a data storage unit of a recording unit;

selecting compressed data stored in said data storage unit;

transferring said selected compressed data to a separable memory device associated with a reproducing unit being detachable from said recording unit[, said separable memory device being a memory device other than a disk medium or a tape medium];

receiving user input designating one of a plurality of operation modes;

displaying information relating to at least one of said operation modes;

accessing compressed data stored in said separable memory device based on said user input; and

decompressing said accessed compressed data.

47. (Amended) A method for recording reproducing at least one of audio and video data, comprising:

storing compressed data in a data storage unit of a recording unit;

generating data select signals indicating which of said compressed data in said data storage unit;

generating control signals according to said data select signals;

sending read addressed to said data storage unit based on said control signals so that said selected data is transferred from said data storage unit to a separable memory device associated with a reproducing unit being detachable from said recording unit;

receiving user input designating one of a plurality of operation modes;

displaying information relating to at least one of said operation modes;

accessing compressed data stored in said separable memory device based on said user input; and

decompressing said accessed compressed data.

49. (Amended) A method for reproducing at least one of audio data and video data according to claim 41, wherein said data storage unit is included in [a] the recording unit.

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